

What is claimed is:

1. A toner for electrophotography comprising a wax and a colorant dispersed in and thereby mixed with a binder resin,

wherein an average diameter of the wax in the binder resin is in a range from 0.1 to 3.0 μm , and

the toner contains 1.0 to 2.5 % by volume of a toner with particle diameters of 5.04 μm or smaller.

2. A toner for electrophotography as claimed in claim 1, wherein the average diameter of the wax is in a range from 0.9 to 2.5 μm .

3. A toner for electrophotography as claimed in claim 1, wherein the toner contains 1.5 to 2.3 % by volume of the toner with particle diameters of 5.04 μm or smaller.

4. A toner for electrophotography as claimed in claim 1, further comprising a wax dispersing agent dispersed in and thereby mixed with the binder resin.

5. A toner for electrophotography as claimed in claim 4, wherein 0.1 to 5 parts by weight of the wax dispersing agent is dispersed in and thereby mixed with 100 parts by weight of the binder resin.

6. A toner for electrophotography as claimed in claim 1, wherein the colorant is carbon black.

7. A toner for electrophotography as claimed in claim 6, wherein 8 to 13 parts by weight of the carbon black is contained in 100 parts by weight of the binder resin.

8. A toner for electrophotography as claimed in claim 1, wherein a volume-average particle diameter of the toner is in a range from 7 to 13 μm .